

## CLAIMS

### Claim number 1

What I claim as my invention is : Radar(s) or detectable devices equipping in front of vehicle.. to detect at certain distance, radar(s) reacting to switch braking unit/motor on to brake the car automatically to stop accident once obstruction is detected, radar(s) or detectable devices equipping at rear vehicle functioning the same way for back driving, Back driving automatic brake system & Automatic braking system for equipping in all vehicles, automobiles, cars, trucks, buses, vans, trains, motor-vehicles, motorcycles, airplanes, ships etc..

### Claim number 2

What I claim as my invention is : The original elements and structures of Back driving automatic brake system as well as Automatic braking system and any other structures, modifications, replacement of parts assembling to make up the same system or to perform similar system referring to their original fundamentals to the same effect, combining the invention with any other devices or systems using other names, contents, illustrations, composition, process of making the invention in these documents, their main parts, structures on FIG. 1 to FIG. 30, function network FIG. 31 to FIG. 34, FIG. 41 safe covers, parts on FIG. 35, FIG. 38, new pedals on FIG. 36, FIG. 37, automatic brake pedals on FIG. 39, FIG. 40, automatic water switch on FIG. 42, automatic stop control lamp on FIG. 43, the invention includes: Detectable devices; radars, sensors, infrared lenses, cameras, projectors or any other similar devices to detect, braking equipments including motor, air hydraulic unit, air oxygen unit, pump, rewind spring, spring force and any other equipments, instruments having the same result, braking objects including wheels, spindle, axis, rod, oscillator moving frame, bracket drive and any other objects with same effect, electric wires or wireless devices, driver contacts, buttons, color (red/yellow) signal lamps, thermostats, message recorders or sonorous alarms, support springs, switches, rubber boots, covers, different types of pedal part, automatic brake pedals, automatic water switches, automatic stop control lamps, accessories and structure triangle wheel: Triangle wheel, inner triangle wheel, ball bearing, pin, arm, spring, moving ball, frame, lock iron switches, structure triangle wheel Duo: Triangle wheel, lock devices, bracket arms, spring, pin, ball bearing, iron bar, bracket, frame, arm, structure triangle wheel Du: Triangle wheel, lock device, bracket arm, frame, arm, wheel arm bracket, outer or inner rewind spring, bar, switch device, structure round wheel Duo-A: Round wheel, outer or inner rewind spring, bracket arm, arm, iron bar, lock device, structure round wheel Duo-a: Round wheel, frame with bar, springs, ball bearing with pin, frame with moving ball, lock devices, inner round

wheel, structure screw & unscrew Duo-B: Toothed spindle, frame with gear-nut, lock device, springs, structure axis-gear Duo-C: Axis in groove end part, gear, frame with short tube outlet, rewind springs, spring, lock device, structure extra outlet Duo-D: Extra outlet, round wheel, connecting rod kit with roller & ball bearings, spring, lock device, structure moving frame Duo-E: Extra outlet, round wheel, connecting rod kit with roller & ball bearings, spring air releasing unit, moving frame, rubber cover wheel in double pulley, bearing, oscillator, spring, lock device, hose, structure bracket drive Duo-F: Hidden frame, iron bar, rectangular bracket, springs, lock device, pin, structure direct spin Duo-G: Iron bar, inner wheel, outer or inner rewind spring, lock device, structure oval wheel Duo-H: Oval wheel, outer or inner rewind spring, bracket arms, iron bar, lock device, structure hexagonal wheel Duo-I: Hexagonal wheel or equivalent, inner hexagonal wheel, outer or inner rewind spring, bracket arm, iron bar, lock device and modification of entire braking structures by pulling to brake instead of pressing actions to the same effect, the invention be used everywhere, Automatic brake releasing: During automatic braking, radar(s) reacting to press button device J2c standby for "c" unit, button device J2d standby for "d" unit or button device J2e standby for "e" unit of an additional mini motor (with pulley and cable) added to the system rotating (half turn or a turn) to draw lock device by result of earlier pressing action releasing the brake just after radar(s) detecting free to replace original manual buttons FIG. 32, Automatic alarm system: Small radar(s) or detectable devices equipping at both sides of a car to sound alarm once running cars extremely approaching each other, color signal lamp being added on indicator showing right or left side be detected.

### Claim number 3

What I claim as my invention is : Automatic stop control lamp or any other structures to the same effect, the system is to have particular flash/color lighting lamp or equivalent added onto traffic sign (green red light) at a position to focus its beam on (top) front car radars reacting the function of Automatic braking unit to stop cars advancing on red in the lighting zone limit.